

METHOD FOR VISUALIZING DATA

ABSTRACT

5 A system and method for visualizing data. Data
are provided either in the form of data values of a data
array or in the form of a geometric representation. A data
array may be, for example, a sparse matrix. A geometric
representation, may be, for example, an integrated circuit
layout coded in a geometric description language. Data
provided in the form of data values are associated with
10 geometric shapes placed on a grid. Information placed on
the grid is then reported to a user. If data are provided
in the form of a geometric representation, then data values
are extracted from the geometric representation. A graphic
representation is generated from the extracted data values.
15 The graphic representation is exhibited to a user.